**IN THE SPECIFICATION:**

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE paragraph [0025] with the following paragraph:

[0025] In this case, the controller 301 sets the width ($T_{MP}$) of each pulse of the multi-pulse to a fixed value or to at least two different values.  In the case where at least two different values are set as the widths of the multi-pulse, the controller 301 determines how two different widths should be assigned to respective pulses of the multi-pulse.  Pulses having the same width can form a width set.  One pulse may also form a width set.


[0027] In addition, it is assumed that the width of an initial pulse within the multi-pulse chain is greater than the pre-fixed value, the width of an ending pulse of the multi-pulse chain is less than the pre-fixed value, and the widths of middle pulses between the initial pulse and the ending pulse of the multi-pulse chain are set to be the pre-fixed values.  In this case, if the NRZI data shown in FIG. 4A is input, the optical recording pulse according to another embodiment of FIG. 4C is generated.  That is, as shown in FIG. 4C, the initial pulse of the multi-pulse chain has a width ($T_{MP1}$) larger than the pre-fixed value, the ending pulse of the multi-pulse chain has a width ($T_{MP3}$) narrower than the pre-fixed value, and the middle pulses between the initial pulse and the ending pulse of the multi-pulse ~~chian~~ chain have a width ($T_{MP2}$) which is the same as the pre-fixed value.  In FIG. 4C, the pulse having a ($T_{MP1}$) width may form one width set and the pulse having a width ($T_{MP3}$) may form another width set.  The pulses having a width ($T_{MP2}$) may form yet another width set.